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Topics

## 報道発表資料

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March 29, 2013

## On the outcomes of the United States regarding the acceptance of expert decontamination (Announcements)

As part of the US–Japan cooperation on decontamination, from February 4, from February 25, one name will be sent to Japan, two experts from the United States was accepted by the Ministry of the Environment. Conduct site visits to relevant organizations and decontamination, etc. along with the subject to provide information about the current state of Japan's decontamination, three experts made the provision of advice and professional knowledge and experience in the United States. Based on the results of the acceptance of this expert, in the U.S. and Japan is expected to make to continuous exchange of information and exchange between Japan and the United States concerning decontamination.

### One. Background and Purpose

Under the Commission's bilateral US–Japan cooperation on civil nuclear energy "working group for environmental management and decommissioning" was established in July 24, 2007, the US–Japan Cooperation on decontamination, has been studied. Recently, as part of its specific activity, three experts will be dispatched to Japan from the United States, was accepted by the Ministry of the Environment in February and March this year.

### 2. Overview of the U.S. expert

#### U.S. expert (1)

Dr. [1] Robert L. Schindler

Scientists of the Institute of the U.S. Department of Energy's Savannah River. Laws decontamination decontamination technology, water, deterioration of the environment by radiation, radioactive waste treatment, associated with them, such as professional standards. Stay up to date from February

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04, March 29.

Mr. [2] Mark B. triplet

Scientists (PNNL) Northwest National Laboratory, U.S. Department of Energy Pacific Ocean. Since 1990, provides advice on the entire decontamination activities in various Hanford Site nuclear weapons manufacturing facilities located in the west coast of the United States, Washington. Expert analysis, visualization, decision-making, systems engineering, and data. Stay up to date from February 04, March 29.

Dr. [3] Sandonri

Researchers (National Homeland Security Research Center) Homeland Security Research Center U.S. Environmental Protection Agency. Responsible for the evaluation of projects, such as decontamination of radioactive material transport behavior and research projects, and in urban areas related to environmental contamination of radioactive material. Stay up to March 22 from February 25.

### 3. U.S. expert on the outcomes of the activities

With the subject to provide information from relevant organizations in Japan, etc. status of decontamination of Japan, based on the knowledge and professional experience of the United States, expert United States, he was engaged in activities such as advice or relevant information about the following topics: .

#### Protection from radiation (1)

- In deciding the criteria for a return to the idea when people who have been evacuated because of contamination by radioactive material is fed back, how far do the decontamination, national guidance for it, in the United States, expert advice shows the information that is required authority. Based on these working groups, consisting of local stakeholders to discuss, about feedback and draw conclusions to suit local circumstances. Both work together to develop a program of measuring radiation exposure after returning to manage the data on the amount of exposure of individuals regularly, take advantage of the protection from radiation. Dose measurement program and criteria for review in accordance with the feedback on the progress of the feedback.
- Whether radiation protection also in Japan, while based on the current situation in Japan, you are referring to the U.S. experience like this.

#### Decontamination methods (2)

- What is to collect the data for each method of decontamination, measured in accordance with certain procedures that effect, indicating the effect of decontamination according to a variety of target decontamination. This allows to clarify, whether each method of effective dose to reduce any extent, and analysis aimed at improving decontamination methods in each field it is possible.
- What is the test area to ensure that you can demonstrate the skills needed to tackle the more difficult challenge forest, and farmland. How it is desirable that the decontamination technique is advantageous advanced is secured to the mechanism of the contract.

### Decontamination Implementation Strategy (3)

- Whether at the stage of decontamination has been progress to some extent, are evaluated, including the effect of data, such as the amount of waste generated. Thus, for decontamination is required in the future, the time taken to complete it, for each local effects, the effect of decontamination resources and inputs such as work force, dose reduction, and waste can be investigated in order to estimate, performed work more effectively and efficiently in the subsequent decontamination.
- For decontamination work, the construction of a mechanism to aggregate progress effect, dose reduction, information such as the amount of waste generated is important. Also, why do not you consider creating a regular progress report summarizing the information.
- For high-dose region, it is important to perform the model project, the study on the state of full decontamination.

### Waste and soil management system (4)

- For temporary shelter, whether to communicate more closely with local authorities, we are showing the success stories. Whether from local communities and stakeholders, will get advice on ways of decontamination and waste disposal in each community overall. In addition, I will consider whether further use of the land is owned by national and local governments.
- In order to study the optimization process, soil, waste storage, planning and transportation, etc., in relation to soil-waste from local governments, generated from decontamination, form another quantity, the type of storage facilities, such as Luggage provisional , it is important to collect the like on the surface dose container.
- If when you install the interim storage facility, you are also carried out for evaluation of various methods, such as reducing

the volume of waste and soil. Also, if while minimizing the environmental impact of the facility, I will update the schedule and necessary items toward installation.

#### Environmental monitoring (5)

- Whether all of the data in relation to monitoring, is a plan that allows basic quality control. In addition, it is required to adapt it to clarify how the purpose of data collection to collect data, the information, and frequency. On top of that if you are guidelines for implementing the plan to multiple agencies to collect data.
- Whether improvement strategies related to decontamination and protection from radiation, you can perform a periodic review and evaluation of monitoring data for understanding the dynamics of cesium, etc..

#### Dynamics of cesium in the environment (6)

- Whether to continue to review and evaluation of protection residents decontamination, returned, the way of long-term monitoring, you will be carried out continuously grasp the dynamics of cesium in the environment, research and studies, such as modeling.

### Contact information

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Environment Bureau of the Ministry of Water and Atmospheric  
(:03 -3 581 -3 351 representatives)

decontamination team

Deputy Director: Hidehiko Nishiyama

Naoya Daino (extension 6566): Assistant Deputy Director,  
Public Relations Office, External Affairs decontamination

Chief: Tsuyoshi history Sekiya

Assistant Chief: Hiroshi Osamu Kino extension 7512 ( )

Contact: Kiyoshi Komori extension 7514 ( )

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